

Vatican Background for EPA Administrator Visit

Sistine Chapel Air Conditioning and Filtration System

- Built and installed by Carrier in 2014.
- Intended to protect the artwork in the chapel from growing levels of air pollution that are a result of increased tourism flows.
- Automatically adjusts temperature and humidity according to crowd size, and regulates CO2 and dust levels in the chapel.

Solar Panels

- Under Pope Benedict XVI in 2007, the Holy See announced its intention to become a carbon neutral state.
- 2400 solar panels were installed on the roof of Paul VI Audience Hall in 2008, substantially cutting the Holy See's CO2 emissions.
- The Holy See became the first state powered exclusively by solar energy in 2010, following the installation of what is today Europe's largest solar power plant.
- The Holy See holds the distinction of producing the most solar energy power per capita, at 200 watts per person.